

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A muffler comprising a casing within which are a gas inlet, a gas chamber and a gas outlet, characterized in that a throttling device is located in a gas flow route and controlled by ~~the~~ self-energy of the gas flow, wherein a cross sectional area of the gas flow of the throttling device reduces when energy or pressure of the gas flow increases.

Claim 2 (previously presented): The muffler according to claim 1, wherein the throttling device controlled by self-energy of gas flow is a pressure reducing valves structure.

Claim 3 (currently amended): The muffler according to claim 2, wherein the pressure reducing valves structure includes an adjusting device and a throttling member~~device~~.

Claim 4 (previously presented): The muffler according to claim 3, wherein the adjusting device comprises a manual adjusting device, a spring, a energy sensor member and a connection lever which are connected in series.

Claim 5 (previously presented): The muffler according to claim 1, wherein the throttling device comprises an open and close member and a fixture.

Claim 6 (new): The muffler according to claim 1, wherein the throttling device comprises an open and close member and a fixture; and wherein the structure of the open and close member is characterized in that a cross sectional area of its first surface

subjecting to gas pressure from the gas inlet is larger than a cross sectional area of its second surface that is opposite to the first surface and exposes to the gas outlet.

Claim 7 (new): The muffler according to claim 4, wherein the throttling member comprises an open and close member and a fixture; and wherein the structure of the open and close member is characterized in that a cross sectional area of its first surface subjecting to gas pressure from the gas inlet is larger than a cross sectional area of its second surface that is opposite to the first surface and exposes to the gas outlet.

Claim 8 (new): The muffler according to claim 4, wherein the energy sensor member is a diaphragm, a piston or a bellows.